

CONTENTS

Volume 26, Number 1, 1974

H. Seki · E. Wada · I. Koike · A. Hattori R. Röttger	Evidence of High Organotrophic Potentiality of Bacteria in the Deep Ocean Larger Foraminifera: Reproduction and Early Stages of Development in <i>Heterostegina depressa</i>	1 5
W. Okera	The Zooplankton of the Inshore Waters of Dar es Salaam (Tanzania, S. E. Africa) with Observations on Reactions to Artificial Light	13
R. B. Forward · J. D. Costlow	The Ontogeny of Phototaxis by Larvae of the Crab <i>Rhithropanopeus harrisi</i>	27
K. M. Veerannan	Respiratory Metabolism of Crabs from Marine and Estuarine Habitats: an Inter-specific Comparison	35
A. Le Roux	Observations sur le développement larvaire de <i>Meganyctiphanes norvegica</i> (Crustacea: Euphausiacea) au laboratoire. [Observations on the Larval Development of <i>Meganyctiphanes norvegica</i> (Crustacea: Euphausiacea) in the Laboratory]	45
L. D. Baker · M. R. Reeve	Laboratory Culture of the Lobate Ctenophore <i>Mnemiopsis mccradyi</i> with Notes on Feeding and Fecundity	57
D. Colomba	Chromosome Number within the Class Ascidiacea	63
G. P. Haywood	The Exchangeable Ionic Space, and Salinity Effects upon Ion, Water, and Urea Turnover Rates in the Dogfish <i>Poroderma africanum</i>	69
B. W. Frost	<i>Calanus marshallae</i> , a New Species of Calanoid Copepod Closely Allied to the Sibling Species <i>C. finmarchicus</i> and <i>C. glacialis</i>	77

Volume 26, Number 2, 1974

S. W. Jeffrey	Profiles of Photosynthetic Pigments in the Ocean Using Thin-Layer Chromatography	101
R. A. Daumas	Influence de la température et du développement planctonique sur le mécanisme d'accumulation de la matière organique à la surface de la mer. [Influence of Temperature and Planktonic Development on the Mechanism of Accumulation of Organic Matter in the Surface of the Sea]	111
K. Moebus · K. M. Johnson	Exudation of Dissolved Organic Carbon by Brown Algae	117
K. Moebus · K. M. Johnson · J. McN. Sieburth	Rehydration of Desiccated Intertidal Brown Algae: Release of Dissolved Organic Carbon and Water Uptake	127
G. T. Houvenaghel · N. Houvenaghel	Aspects écologiques de la zonation intertidale sur les côtes rocheuses des îles Galapagos. [Ecological Aspects of the Intertidal Zonation on the Rocky Shores of the Galapagos Islands]	135
B. A. Hanna · D. M. Lilly	Growth of <i>Uronema marinum</i> in Chemically Defined Medium	153
C. Amiard-Triquet	Etude de la décontamination d' <i>Arenicola marina</i> (annélide, polychète) après contamination expérimentale par le caesium 137 ou le cobalt 60. [Study of the Decontamination of <i>Arenicola marina</i> (Annelid, Polychaete) after Experimental Contamination with Caesium 137 or Cobalt 60]	161
S. Kasahara · S. Uye · T. Onbé	Calanoid Copepod Eggs in Sea-Bottom Muds	167
M. Ahmend · J. Mustaqim	Population Structure of Four Species of Porcellanid Crabs (Decapoda: Anomura) Occurring on the Coast of Karachi	173
L. Fishelson	Ecology of the Northern Red Sea Crinoids and Their Epi- and Endozoic Fauna	183

Volume 26, Number 3, 1974

Z. Z. Finenko · D. K. Krupatkina-Akinina U. Lie	Effect of Inorganic Phosphorus of the Growth Rate of Diatoms Distribution and Structure of Benthic Assemblages in Puget Sound, Washington, USA	193 203
D. F. Markle · J. A. Musick	Benthic-Slope Fishes Found at 900 m Depth along a Transect in the Western N. Atlantic Ocean	225
W. Wieser · J. Ott · F. Schiemer · E. Gnaiger	An Ecophysiological Study of Some Meiofauna Species Inhabiting a Sandy Beach at Bermuda	235
C. D. Litchfield · A. L. S. Munro · L. C. Massie · G. D. Floodgate	Biochemistry and Microbiology of Some Irish Sea Sediments: I. Amino-Acid Analyses	249
C. K. Barry	Role of Form Vision in Habitat Selection of the Grass Shrimp <i>Hyppolyte cali- forniensis</i>	261
E. D. Houde	Effects of Temperature and Delayed Feeding on Growth and Survival of Larvae of Three Species of Subtropical Marine Fishes	271

Volume 26, Number 4, 1974

J. D. Stevens · B. E. Brown	Occurrence of Heavy Metals in the Blue Shark <i>Prionace glauca</i> and Selected Pelagic Fish in the N. E. Atlantic Ocean	287
H. A. Kobayashi	Growth Cycle and Related Vertical Distribution of the Thecosomatous Pteropod <i>Spiratella</i> ("Limacina") <i>helicina</i> in the Central Arctic Ocean	295
S. A. Mileikovsky	On Predation of Pelagic Larvae and Early Juveniles of Marine Bottom Invertebrates by Adult Benthic Invertebrates and Their Passing Alive through Their Predators	303
R. F. Lee	Lipid Composition of the Copepod <i>Calanus hyperboreas</i> from the Arctic Ocean. Changes with Depth and Season	313
S. Eriksson	The Occurrence of Marine Cladocera on the West Coast of Sweden	319
S. Chockalingam	Nature and Composition of the Cephalic and Thoracic Cuticles of the Hermit Crab <i>Clibanarius olivaceus</i>	329
J. N. Weber · E. W. White	Activation Energy for Skeletal Aragonite Deposited by the Hermatypic Coral <i>Platygyra</i> spp.	353
K. H. Kleemann	Raumkongurrenz bei Ätzmuscheln. [Space Competition in Etching Bivalves]	361
G. Gust · W. Schramm	Erfassung der Strömungsstruktur im Substratbereich mariner Biotope. [Evaluation of Water-Movement Structure in the Substrate Area of Marine Biotopes]	365
C. Gauwerky · G. Uhlenbruck · L. Renwrandt	Blutgruppen-ähnliche Substanzen in einigen marinen Invertebraten. IV. H- und A-ähnliche Substanzen, Agglutinine und Präzipitine: Ihre Verteilung bei <i>Cerianthus</i> sp. [Blood-Group-Like Substances in Some Marine Invertebrates IV. H- and A-Like Substances, Agglutinins and Precipitins: Their Distribution in <i>Cerianthus</i> sp.]	369
V. B. Van Meter · B. W. Ache	Host Location by the Pearlfish <i>Carapus bermudensis</i>	379

Indexed in Current Contents

